

PASSIVE REPEATER/TERMINATOR

ABSTRACT OF THE DISCLOSURE

5 A passive terminator between a plurality of nodes includes a first voltage divider configured to passively set a differential voltage level between a first voltage level and a second voltage level. The first voltage divider has a Thevenin resistance and is electrically connectable to a first node. At least a second voltage divider is configured to passively set the differential voltage level between the first voltage level and the second voltage level. The second voltage divider has the Thevenin resistance and is electrically connectable to at least a second node. A transformer is electrically connected between the first voltage divider and the at least second voltage divider. The transformer has a reactance that is substantially greater than the Thevenin resistance of the first voltage divider and the at least second voltage divider.

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